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1/1 KPIL - (C) Thomson Derwent
 AN - 1975-82410W [50]
 TI - 1,1-Difluoroethane prepn. - from 1,1-dichloroethane treated with
 hydrogen fluoride using antimony pentachloride catalyst
 DC - E16
 PA - (CENG) CENTRAL GLASS CO LTD
 NP - 2
 MC - 1
 PN - JP50106905 A 19750822 DM1975-50
 - JP77021482 B 19770610 DM1977-27
 PR - 1974JP-0014074 19740205
 IC - B01J-027/12 C07C-017/20 C07C-019/08
 AB - JP50106905 A
 MeCHF2 (I) was prepd. by liq. phase reaction of MeCHCl2 (II) with HF
 at ordinary pressure and -10 degrees to 15 degrees in the presence of
 SbF5 (catalyst). In an example, 45g./hr. (II) and 1 mole/hr. anhyd. HF
 were mixed with 130 ml. anhyd. HF and 15.1g. SbF5 2 hr. at -5 degrees
 and the mixt. left to react for 30 min. to give a prod. contg. (II)
 3.2, MeCHClF 4.1, and (I) 85.1%.
 MC - CPT: E10-H02B
 UP - 1975-50